

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/05344

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/135 G11B7/12 G11B7/26 G03F7/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B G03F G02B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/13194 A (KONINKL PHILIPS ELECTRONICS NV) 14 February 2002 (2002-02-14) cited in the application abstract	1-15
X	US 4 480 910 A (TAKANASHI AKIHIRO ET AL) 6 November 1984 (1984-11-06) column 2, line 25 -column 3, line 23; figures 2,3	1,9
A	abstract	2-8, 10-15
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search 21 April 2004		Date of mailing of the international search report 03/05/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Lehnberg, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 236 634 B1 (LEE NEVILLE K S ET AL) 22 May 2001 (2001-05-22) column 7, line 4 -column 7, line 22 column 8, line 62 -column 9, line 55; figures 3-7 abstract</p> <p>-----</p>	1-15

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0213194	A	14-02-2002	AU 7255901 A BR 0107071 A CN 1386273 T WO 0213194 A1 EP 1309971 A1 JP 2004506290 T US 2002020821 A1	18-02-2002 25-06-2002 18-12-2002 14-02-2002 14-05-2003 26-02-2004 21-02-2002
US 4480910	A	06-11-1984	JP 1501475 C JP 57153433 A JP 63049893 B CA 1159160 A1 DE 3272511 D1 EP 0060729 A2	28-06-1989 22-09-1982 06-10-1988 20-12-1983 18-09-1986 22-09-1982
US 6236634	B1	22-05-2001	US 6104687 A WO 9809278 A1	15-08-2000 05-03-1998